All India Coordinated Research Project on Agrometeorology (AICRPAM)

ICAR-Central Research Institute for Dryland Agriculture Santoshnagar, Hyderabad – 500059

Weather Conditions and Agromet Advisories Issued during January 2020

1. General Weather Conditions

During 1 - 31 January 2020, the country as a whole received 28.1 mm rainfall, which is 62% large excess, compared to the normal rainfall for the same period (17.3 mm). Out of 36 meteorological sub-divisions, rainfall was large excess, excess, normal, deficient, large deficient and no rain in 16, 5, 4, 6, 3 and 4 subdivisions, respectively as depicted in Fig. 1.

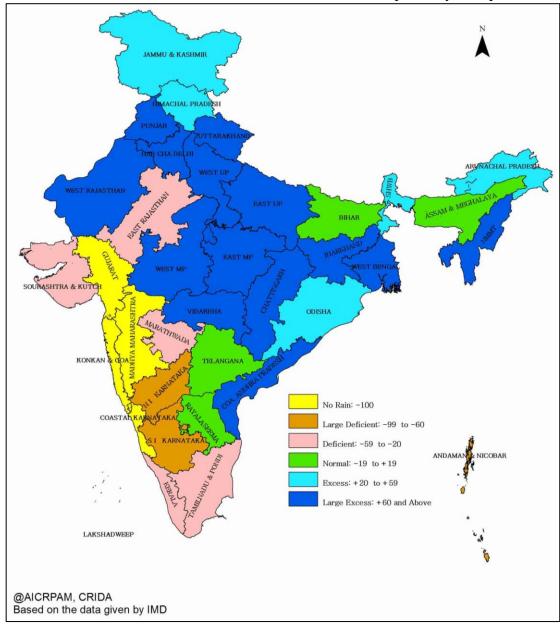


Fig. 1: Meteorological sub-division wise rainfall received during 1 - 31 January 2020

2. Agromet advisories issued by ICAR-All India Coordinated Research Project on Agrometeorology (AICRPAM) centers during January 2020

| Date of issue | AICRPAM Center | Agromet Advisory issued | | | |
|---------------|-----------------------------|--|--|--|--|
| 03-01-2020 | Vidharbha | Application of organic mulches in tree basins/soil surface, creating air blanket of smoke in orchards by burning dried weeds/wood etc., and light/frequent irrigation during evening hours is advisable to moderate the impact of cold weather conditions. | | | |
| | Hisar | Farmers are advised to keep on vigilance for insect/pests in sugarcane and apply need based irrigation. | | | |
| | Assam | During dry months (December to April) setts can be preserved by adopting 'deep trench trash cover' method in which the seed stalks are vertically kept in narrow trenches and covered with dry trash. Water should be sprinkled at least twice a month. | | | |
| 10-01-2020 | Jharkhand | It is advised to harvest the mustard crops when siliqua turns into bright yellow color and dry the harvested crop in the sun for 2-3 days before threshing. | | | |
| | Kerala | It is advised to take necessary control measures against cardamom thrips, white flies etc. It is advised to give heavy irrigation once in a fortnight. | | | |
| 17-01-2020 | South Interior Karnataka | Spray Lamda Cyhalothrin 5EC@ 0.5 ml/litre of water or sulphur dust (SULTAF) 80 W @3g/litre of water against the powdery mildew disease in mango. | | | |
| | West Bengal | Application of water in the field at night and draining the water at morning is advised in boro rice field to avoid cold injury. | | | |
| 24-01-2020 | Marathwada | For management of shoot borer and fruit borer in brinjal, it is advised to remove the infected plant parts and spray Chlorantraniliprole 18.5 SC @ 4 ml or Chloropyriphos 20 EC @ 20 ml or Cypermethrin 10 EC @ 11 ml per 10 litre of water. | | | |

| | Tamil Nadu | Prevailing weather conditions are favorable for spotted boll worm in cotton. Spray Chlorantraniliprole 18.5% SC 150 ml/ha or Flubendiamide 39.3% SC 100-125 ml/ha for the control of spotted boll worm. | | | |
|------------|--------------|---|--|--|--|
| | Jammu | Due to favourable weather conditions, monitoring of mustard crop for alternaria blight is advised. If observed, spray Mancozeb @ 0.25% to control alternaria blight. | | | |
| 31-01-2020 | Punjab | Prevailing weather is favourable for spread and development of white rust in oilseed crop. Protect the crop by spraying Ridomil Gold @ 250 g in 100 litres of water per acre. | | | |
| | Chhattisgarh | Due to increase in bright sun shine hours and temperature, farmers are advised for applying irrigation in crops like field pea, gram, lentil, linseed, safflower and sunflower etc. | | | |